

## Dr. Duke's Phytochemical and Ethnobotanical Databases

### List of Plants for COUMARIN

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Acacia farnesiana</i>	Flower				Duke, J. A. Writeups or information summaries on approximately 2,000 economic plants, USDA, ARS, Beltsville, MD 20705.
<i>Acacia farnesiana</i>	Plant				Pakistan Encyclopedia Planta Medica. 1986.
<i>Ageratum conyzoides</i>	Plant				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Ageratum conyzoides</i>	Shoot		1040.0	-1.0	R. Vera, (1993); Chemical composition of the essential oil <i>Ageratum conyzoides</i> L. (Asteraceae) from Reunion, Flavour Fragr. J., Vol.8, 257-260.
<i>Aloe vera</i>	Plant				Pakistan Encyclopedia Planta Medica. 1986.
<i>Althaea officinalis</i>	Root				--
<i>Althaea officinalis</i>	Shoot				--
<i>Ammi visnaga</i>	Plant				--
<i>Apium graveolens</i>	Plant				--
<i>Artemisia annua</i>	Shoot				Wright,C.W.(Ed)2002.Medicinal&Aromatic Plants-Industrial Profiles. <i>Artemisia</i> .344pp.Maffei,M. (Ed)2002. <i>Vetiveria</i> .The Genus <i>Vetiveria</i> .Taylor&Francis.NY,NY.1991pp.Southwell,I.,Lowe,R.(Eds)1999. <i>Tea Tree</i> .The Genus <i>Melaleuca</i> .Harwood Acad.Pub.Amsterdam,Netherlands.
<i>Artemisia capillaris</i>	Plant				--
<i>Artemisia annua</i>	Plant				Father Nature's Farmacy: The aggregate of all these three-letter citations.
<i>Artemisia dracunculus</i>	Plant				--
<i>Artemisia vulgaris</i>	Plant				Bisset, N.G., ed. 1994. <i>Herbal Drugs and Phytopharmaceuticals</i> . CRC Press. Boca Raton, FL. 566 pp.
<i>Astragalus membranaceus</i>	Root				Leung, A. Y. and Foster, S. 1995. <i>Encyclopedia of Common Natural Ingredients</i> 2nd Ed. John Wiley & Sons, New York. 649 pp.

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Capparis spinosa</i>	Plant				--
<i>Cichorium intybus</i>	Plant				--
<i>Cinnamomum verum</i>	Stem Bark				--
<i>Cinnamomum aromaticum</i>	Bark				--
<i>Cinnamomum verum</i>	Leaf Essent. Oil				--
<i>Cinnamomum verum</i>	Bark				--
<i>Citrus aurantium</i>	Fruit				Williamson, E. M. and Evans, F. J., Potter's New Cyclopaedia of Botanical Drugs and Preparations, Revised Ed., Saffron Walden, the C. W. Daniel Co., Ltd., Essex UK, 362 pp, 1988, reprint 1989.
<i>Daucus carota</i>	Root				--
<i>Dipteryx odorata</i>	Seed	10000.0	35000.0	1.0	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Eupatorium triplinerve</i>	Plant		150.0	-0.6380909077945246	List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Ferula alliacea</i>	Plant				--
<i>Filipendula ulmaria</i>	Plant				--
<i>Galium odoratum</i>	Plant	7000.0	13000.0	2.4113340819046307	--
<i>Hierochloe odorata</i>	Plant		2000.0	-0.19906863301293415	--
<i>Hordeum vulgare</i>	Plant				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Hyoscyamus niger</i>	Plant				--
<i>Justicia pectoralis</i>	Plant				Grenand, P., Moretti, C., and Jacquemin, H. 1987. Pharmacopees Traditionnelles en Guyane. TORSTROM, Paris. 569 pp.
<i>Lavandula angustifolia</i>	Plant	1000.0	1500.0	-0.3177233018728235	List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Lavandula x intermedia</i>	Plant				Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Lavandula latifolia</i>	Plant	0.0	22.0	-0.6684665030226563	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Levisticum officinale</i>	Root				Guenther, E., The Essential Oils, 6 volumes, D. van Nostrand, New York, 1948-1952.
<i>Lycopus europeus</i>	Plant		1200.0	-0.3889161031887571	List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Melilotus officinalis</i>	Flower				--
<i>Melilotus officinalis</i>	Leaf				--
<i>Melilotus officinalis</i>	Plant		2000.0	-0.19906863301293415	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
<i>Melilotus officinalis</i>	Stem				--
<i>Melilotus officinalis</i>	Shoot	500.0	5400.0	1.0	--
<i>Mentha x piperita</i>	Leaf	0.02	0.2	-0.9931104006289337	Duke, J. A. Writeups or information summaries on approximately 2,000 economic plants, USDA, ARS, Beltsville, MD 20705.
<i>Myroxylon balsamum</i>	Seed		4000.0	-1.0	--
<i>Petiveria alliacea</i>	Root				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Peumus boldus</i>	Leaf	100.0	5000.0	-0.1655308142951848	--
<i>Phoenix dactylifera</i>	Leaf				Morton, J.F., Major Medicinal Plants. 1977. Atlas of Medicinal Plants of Middle America. Bahamas to Yucatan. 1981.
<i>Prunus cerasus</i>	Plant				--
<i>Psoralea corylifolia</i>	Seed				--
<i>Ptychopetalum olacoides</i>	Root				Toyota, A., Ninomiya, R., Kobayashi, H., Kawanishi, K., Uhara, Y., Kato, A., Hashimoto, Y. 1979. Studies of Brazilian Crude Drugs. 1. Muira-Puama. Shoyakugaku Zasshi, 33: 57-64.

Plant	Part	Low PPM	High PPM	StdDev	Reference
Tecoma stans	Bark		80.0		--
Theobroma cacao	Seed				Grenand, P., Moretti, C., and Jacquemin, H. 1987. Pharmacopees Traditionnelles en Guyane. L'ORSTROM, Paris. 569 pp.
Thymus vulgaris	Essential Oil		3000.0		--
Trifolium pratense	Flower		22.0		Buchnauer,G.,Jirovetz,L.,Nikiforov, A.1996.Comparative Investigation of Essential Clover Flower Oils from Austria Using Gas Chromatography-Flame Ionization Detection, Gas Chromatography-Mass Spectrometry, and Gas Chrom.-Olfactometry.J.Agric.Food Chem.44:1827-8
Trigonella foenum-graecum	Seed				--
Trigonella foenum-graecum	Plant				Newall, C. A., Anderson, L. A. and Phillipson, J. D. 1996. Herbal Medicine - A Guide for Health-care Professionals. The Pharmaceutical Press, London. 296pp.
Trilisa odoratissima	Leaf		16000.0	1.6552171055558567	Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
Urtica dioica	Plant				Newall, C. A., Anderson, L. A. and Phillipson, J. D. 1996. Herbal Medicine - A Guide for Health-care Professionals. The Pharmaceutical Press, London. 296pp.
Vanilla planifolia	Fruit		6100.0		--
Verbascum thapsus	Leaf				ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Vitis vinifera	Fruit				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Zea mays	Leaf				Duke, J. A. Writeups or information summaries on approximately 2,000 economic plants, USDA, ARS, Beltsville, MD 20705.
Zizyphus jujuba	Leaf		3000.0	-0.4965758906317378	--